

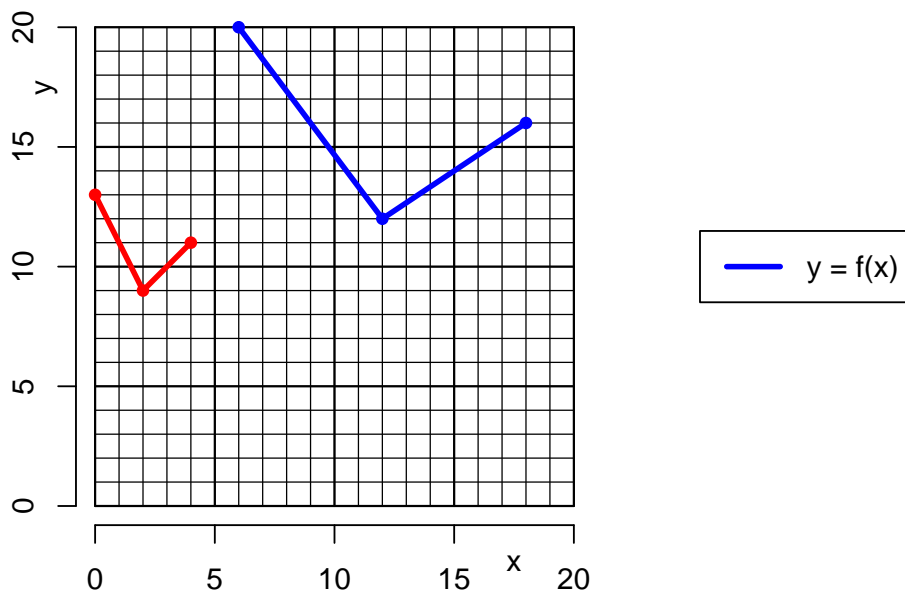
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 42)

Question 1

Curve $y = f(x)$ contains points $(6, 20)$ and $(12, 12)$ and $(18, 16)$, as shown on the x - y plane below.

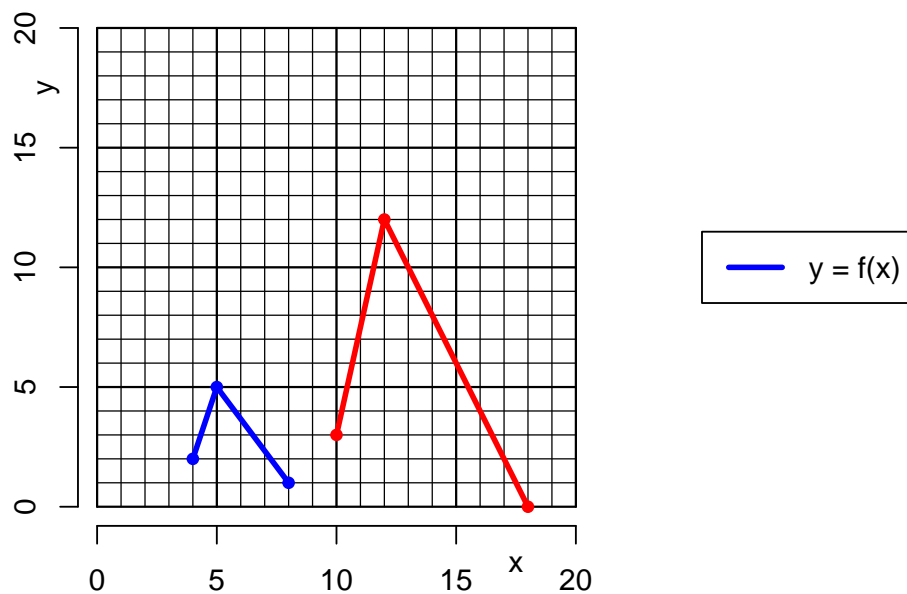


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x+2)] + 6}{2}$$

Question 2

Curve $y = f(x)$ contains points $(4, 2)$ and $(5, 5)$ and $(8, 1)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x-2}{2}\right] - 3$$